

CLAIMS

1. A cleaning doctor (1) for conveyor belts (N) comprising a fixed casing (2) supporting one or more frames (3; 21), each frame being provided with a doctor blade (5) in contact with the surface (S) to be scraped of said conveyor belt (N), **wherein** said doctor blade (5) is arranged in a groove (6) made in a blade holder (7; 20) associated to said frame (3; 21).

2. The cleaning doctor (1) according to claim 1 **wherein** said blade holder (7) has an L shaped cross section.

3. The cleaning doctor (1) according to claim 1 **wherein** said blade holder (20) has a rectangular cross section.

4. The cleaning doctor (1) according to claim 2 **wherein** said blade holder (7) has a first side (8) fixed to said frame (3) and a second side (10) facing said surface (S) to be scraped, said groove (6) receiving said doctor blade (5) being made in said second side (10).

5. The cleaning doctor (1) according to any of claim 1, 2 or 4, **wherein** said blade holder (7) is removably fixed to said frame (3) through fastening means (9).

6. The cleaning doctor (1) according to claim 4 **wherein** said groove (6) is made at the free end (10a) of said second side (10) along the face (10b) facing said surface (S) to be scraped.

7. The cleaning doctor (1) according to claim 1 or 4 **wherein** said groove (6) has a U shaped cross sectional profile receiving said doctor blade (5).

8. The cleaning doctor (1) according to claim 7 **wherein** said doctor blade (5) has a width (5a) greater than that (6a) of said groove (6).

9. The cleaning doctor (1) according to claim 2 **wherein** said blade holder (7) is made by a standard structural profile available on the market having an L shaped cross sectional profile.

10. The cleaning doctor (1) according to claim 1 **wherein** said frame (3) is coupled to said casing (2) by interposition of elastic means (11).

11. The cleaning doctor (1) according to claim 10 **wherein** adjusting means (12) are provided between said frame (3) and said elastic means (11), adapted to change the pressure of said doctor blade (5) on said surface (S).